

SHABAROVA, Z.A.; RYABOVA, T.S.; PROKOV'YEV, M.A.

Synthesis of nucleotide coenzymes and related compounds. Dokl.AN
SSSR 136 no.5:1116-1119 F '61. (MIRA 14:5)

1. Moskovskiy gos. universitet im. M.V.Lomonosova. Predstavleno akad.
A.N.Nesmeyanovym.

(Nucleotides) (Enzymes)

BY VIKTOR, G. P., KURBANOV, N. G., KURBANOV, N. G., KURBANOV, N. G.,
KURBANOV, N. G.

"Historical methods of study of the behavior of active immunity."

report submitted at the 13th All-Union Congress of Hygienists, Microbiologists
and Infectionists, 1969.

PROKOV'YEV, N.A.

Determination of the petroleum-recovery factor in laboratory conditions. Nefteprom. delo no.9:14-16 '63. (MIRA 17:4)

1. Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i gazovoy promyshlennosti.

S/095/60/000/011/002/004
A053/A026

AUTHOR: Prokov'yev, V.I., Candidate of Technical Sciences
TITLE: Basic Trends in the Field of Scientific Investigations by VNIIST in 1961
PERIODICAL: Stroitel'stvo Truboprovodov, 1960, No. 11, pp. 9 - 11

TEXT: Labor in pipeline construction should be reduced by applying modern technical methods and improving organization of production, both of which are given consideration in the operation program of VNIIST in 1961, aiming at creating a new methodology of planned labor with a view to bringing down construction costs. In this regard the laboratories of production of the institute will develop new working techniques and a progressive technology: The utilization of plant-produced briquetted mastic for insulation place of bitumen, prepared by hand, will reduce cost of labor, as demonstrated in the plant of Syzran'. Further industrialization of insulation work is to be found in the utilization of new materials in the form of adhesive polymer tape applied to pipes by special machines. In this connection tests have been conducted on the pipeline Dashava-Minsk with polychlorovinyl tape, permitting to reduce costs of labor 2 - 3 times

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A053/A026

Basic Trends in the Field of Scientific Investigations by VNIIST in 1961

and increasing the daily output of teams by 2 - 3 km. An alternative solution is offered by the possibility of insulating pipes in the plant with polyethylene or silicate enamel. The latter when melted by h.f. currents has a chemically sufficient resistance. In this connection laboratory investigations will be concluded in the course of 1961; since expanded pipes are unsuitable for being processed at 750 - 900°C, a polyethylene insulation is applied by spraying on dry metal powder heated to 250 - 350°C. The welding laboratory of the institute is confronted with two tasks: Introducing welding without the use of supporting rings and stepping up welding work in order to arrive at an equal speed of flow with other operations on the same line. A great deal remains to be done to develop the welding method under a jet of carbonic acid gas. The introduction of a fully mechanized welding base, equipped with automatic butt-welding executed on removable rings will save a great deal of labor. Two methods of verifying welding seams are being developed - one by means of a portable X-ray defect and the other by a magnetographic device, which permits to see the defect on a screen. The construction of a linear section of a pipeline with repeated operations of the same kind offers possibilities for automatic control of a number of machines with electric drive. The institute, Department EKB, is working on the develop-

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S/095/60/000/011/002/00-
A053/A026

Basic Trends in the Field of Scientific Investigations by VNIIST in 1961

ment of surface installations which should be built from prefabricated units, while standardization of construction units is in progress. A very important work in which all departments of the Institute participate is the revision of structural norms and rules pertaining to pipeline construction. A certain number of plants join in the investigation concerning thermal hardening of pipes and transversal rolling of sheets, thereby contributing to the plastic properties of steel. Steps are taken to improve the geometry of pipes and to reduce the percentage of expanding. Research work is conducted on methods of producing pipes from glass plastics. Another important task of the institute consists in developing reservoirs with a minimum consumption of metal for the storage of liquefied gas: for 1961 is planned an experimental construction of a cylindrical prefabricated concrete reservoir with reinforcement stressed in all directions, intended for crude and dark oil products. For storage of light oil products the institute has developed a special concrete mix with greater density. Another solution to the problem of density is offered by the idea of lining concrete reservoirs with a gasoline-proof material based on coutchouc and polyamide plastics. Consideration is given to the possibility of storing liquid fuels in underground cavities, for instance, in saline strata, in which experimental reservoirs will

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S/095/60/000/012/002/000
A053/A026

Basic Trends in the Field of Scientific Investigations by VNIIST in 1961

be established. For storage of liquefied gas shaft-like reservoirs will be installed in Cambrian loam soil. Experiments will also be made with regard to underground reservoirs in perpetually frozen soil. In 1961, the emphasis in scientific research work will be on cooperation between scientists and representatives of industry and the working force. The program of the institute assigns an important place to complex subjects, which have to be worked out by several departments and laboratories together. To coordinate this work, special complex teams will be organized, so that due and equal attention is paid to all sections of the subject.

Card 4/4

Prokovi'yeva, Tat'yana Vladimirovna

DALIN, Mark Aleksandrovich; MARKOSOV, Petr Ivanovich; SHENDEROVA, Roza
Isaakovna; PROKOVI'YEVA, Tat'yana Vladimirovna; SHEMASTINA, Ye.V.
red.; SHPAK, Ye.G., tekhn.red.

[Alkylation of benzene by olefins] Alkilirovanie benzola olefinami.
Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1957. 117 p.
(Olefins) (Alkylation) (Benzene) (MIRA 11:2)

PROKOV'YEN, Ye. I.
GOL'DSHTEYN, L.M., professor (Leningrad, Nevskiy prosp. 23, kv.5);
PROKOV'YEN, Ye.I., kandidat meditsinskikh nauk (Leningrad, Petro-
gradskaya strana, Bol'shoy pr. 108, kv.16)

Method of simultaneous fluorographic examination of the thoracic
organs, esophagus and stomach, and the possibility of using this method
for diagnosing tumorous and nontumorous diseases of these organs .
Vop.onk. 2 no.2:136-145 '56. (MLRA 10:3)

1. Iz rentgenologicheskogo otdeleniya (zav. - prof. L.M.Gol'dshteyn)
Instituta onkologii AMN SSSR (dir. - chlen-korrespondent AMN SSSR
prof. A.I.Serebrov)
(THORAX, dis.
diag., fluorography)
(GASTROINTESTINAL DISEASES, diag.
fluorography)

PROKOV'YEVA-BEL'GOVSKAYA, A.A.; VESHNEVA, I.V.

Spontaneous chromosome injuries in embryonic human fibroblasts in vivo and in vitro. Dokl. AN SSSR 153 no.2:457-459 N '63. (MIRA 16:12)

1. Institut biologicheskoy fiziki AN SSSR. Predstavleno akademikom V.A.Engel'gardtom.

X

SIBIRTSEV, Yu.M. ; PROKPOCHUK, B.I.

Recent data on the age of kimberlites of the northeastern part of the Siberian Platform in the Kuoyka Basin. Dokl. AN SSSR 148 no.2: 431-432 Ja '63. (MIRA 16:2)

1. Vsesoyuznyy aerogeologicheskiy trest. Predstavleno akademikom D.I. Shcherbakovym.
(Kuoyka Valley—Kimberlite)

PROKROVSKY, N.L.

W. K. ~~SSEMENTCHENKO~~, Acta Phischim 5, (2) 1936, 181-192

PROKROVSKIY, V. A.

USSR/Engineering
Governors
Laboratory Equipment

May 1948

"A New Laboratory Rheometer," V. A. Prokrovskiy, 1 p

"Zavod Lab" Vol XIV, No 5

Describes construction of rheometer with sketch. It is more compact than usual U-type and, since all parts are glass, can be used for any gas except HF.

75T38

PROKOPOWICZ, Janusz, mgr inż.

Development works on stationary gas turbines in the German
Democratic Republic. Gosp paliw 12 no.6:185-190 Je '64.

PROKS, C.

Generalized hemangiopericytoma of the thyroid gland (report of a case). Neoplasma 8 no.2:219-224 '61.

1. Department of Pathology, General Hospital, Pisek, Czechoslovakia.
(THYROID GLAND neopl)
(HEMANGIOPERICYTOMA case reports)

PROKS, Ctirad; FIKEJZ, Josef

Sclerema neonatorum. Cesk. pediat. 16 no.11:984-989 N '61.

1. Patologickanatomaticke oddeleni, prim. MUDr. C.Proks, a detske
oddeleni, prim. MUDr. J.Fikejz, OUNZ, v Pisku.
(SCLEREMA NEONATORUM)

PROKS, Citrad, MUDr.; TOMSI, Frantisek, MUDr.

Moschcowitz' disease; thrombohemolytic thrombopenic purpura.
Sborn. lek. 57 no.10:267-276 Dec 55.

1. Z pathologicko-anatomickeho ustavu (prednosta doc. Dr. J. Vanek) a interni kliniky (prednosta doc. Dr. K. Bobek) lekarske fakulty Karlovy university, pob. v Plzni.
(PURPURA, THROMBOPENIC,
thrombohemolytic, case reports)

JEDLIČKA, Jaroslav, MUDr; PROKS, Ctirad, MUDr

Chronic, atypical coronary insufficiency. Cas.lek.cesk. 94 no.20:
550-553 13 May 55.

1. Z kliniky chorob vnitřních v Plzni (prednosta doc. dr K. Bobek)
a z patologicko-anatomickeho ustavu v Plzni (prednosta doc. Dr
J. Vanek)

(CORONARY DISEASE,

atypical, clin. aspects & ECG)

(ELECTROCARDIOGRAPHY, in various diseases
coronary insuff.)

PROKS, Ctírd, MUDr.; VANEK, Jan, MUDr.

Peritoneal pseudomyxoma of appendicular origin. Sborn. lek.
58 no.4:91-96 Apr 56.

1. Pathologickoanatomický ústav lékařské fakulty KU, pobočka v
Plzni, predn. doc. MUDr. Josef Vanek, a Pathologickoanatomické
oddělení KUNZ v Českých Budejovicích, prednosta: MUDr Alois
Sebek.

(PERITONEUM, neoplasms,
adenocarcinoma, metastatic from appendix. (Cz))

(APPENDIX, neoplasms,
adenocarcinoma, metastasis to peritoneum. (Cz))

CZECHOSLOVAKIA

ZAHOR, Z.; PROKS, C.; VITOVEC, J.; Okresni Veterinary Institution (Okresni Veterinarni Zarizeni), Pisek; Okresni Institute of National Health (Okresni Ustav Narodniho Zdravi), Pisek.

"The Finding of Eggs of the Liver Fluke Fasciolides Magna (Bassi, 1875) and of Fascioloidal Changes in the Liver of Cattle."

Prague, Veterinarni Medicina, Vol 11, No 6, Jun 66, pp 397-402

Abstract [Authors' English summary modified]: Two cases of occurrence of the great liver fluke are described. The changes induced by the fluke were mainly hemorrhage, modified hemorrhage, cicatrices with variously advanced hyalinization, granulomas due to F. magna eggs. A brown-and-black pigment was found in the liver and in regional lymphatic nodes of the affected cattle. The extent of the changes was reduced after the animals were healed. 4 Figures, 1 Table, 4 Western, 10 Czech, 3 East German references. (Manuscript received 6 Dec 65).

LAIBL, Josef; PROKS, Ctirad

Cerebro-pituitary insufficiency in a child after the roentgen-irradiation of hemangioma of the forehead. Cesk.pediat.16 no.2: 101-105 F '61.

1. Detské oddelení OUNZ ve Strakonicih, prim. MUDr. J. Laibl.
Patologickoanatomické oddelení OUNZ v Písku, prim. MUDr. C.Proks.

(HEMANGIOMA radiother)

(SCALP neopl)

(RADIATION INJURY in inf & child)

(BRAIN radiation eff)

(PITUITARY GLAND radiation eff)

PROKS, F.

KELIK, M., PROKS, F.

Experience with preventive therapeutic care in viral hepatitis. Sborn. pathofysiol. trav. vyz. 7 no. 5-6:321-327 Nov 1953. (CML 25:5)

1. Of the Internal Department (Head ---Docent J. Libansky, M.D.) of Health Center UNV and of the District Hygienic-Epidemiological Station, Prague.

PROKS, L.

COUNTRY : Czechoslovakia
 CATEGORY : II-13
 ABST. JOUR. : Zvesti., 12, 16 1958, No. 57-90
 AUTHOR : Proks, L.
 INST. : Not given
 TITLE : The Thermal Decomposition of Dolomite in Fluidized Beds
 ORIG. PUB. : Chem Zvesti., 12, No 7, 419-429 (1958)
 ABSTRACT : The author has investigated the kinetics of the decomposition of ground dolomite (D) in fluidized beds under laboratory conditions; the following grain sizes were used in the tests: I 0.4-0.5 mm, II 0.1-0.15 mm, and III < 0.06 mm. Temperatures of 650-750° were used with air flow rates of 10-15 cm/sec. The decomposition of D I and II is 100% completed after 50 min at 750° and at an air flow rate of 15 cm/sec; at 725° the same result is observed after 110 min. The decomposi-

CARD: 1/3

COUNTRY :	Czechoslovakia	H-15
CATEGORY :		
ABS. JOUR. :	RZKhim., No. 16 1959, No.	57090
AUTHOR :		
INST. :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	tion of dolomite III proceeds nonuniformly as the result of partial entrainment. The rate of decomposition at a given temperature is greatest at the beginning of the blast period, is nearly independent of the air velocity, and gradually decreases towards the end of the blast. Thus in the first 20 min of operation at 750°, 45.23% of the D decomposes, including 45.23% of the $MgCO_3$, and 31.67% of the $CaCO_3$. The addition of 10% CO_2 to the air stream results in a nearly	

CARD: 2/3

SISKE, Vladimir; PROKS, Ivo

The possibility of using DTA at low temperatures. Silikaty
5 no.2:142-148 '61.

1. Katedra anorganické technologie, Slovenská vysoká škola
technická, Bratislava; Oddelení silikátové chemie, Ústav
anorganické chemie Slovenskej akadémie vied, Bratislava.

PLSKO, Eduard, cand.sc. (Pavilon, Slovenska akademie vied, Patronka, Bratislava, Czechoslovakia); PROKS, I. (Pavilon, Slovenska akademie vied, Patronka, Bratislava, Czechoslovakia)

A simple extrapolation method of the spectrographic determination of contaminations in standard samples. Acta chimica Hung 30 no.3:267-276 '62.

1. Institut fur anorganische Chemie, Slowakische Akademie der Wissenschaften, Bratislava.

PROKS, Ivo

Effect of the rate of heating on the quantities relevant to the evaluation of DTA curves. Silikaty 5 no.2:114-126 '61.

1. Oddeleni silikatove chemie Ustavu anorganicke chemie, Slovenska akademie vied.

PROKS, Ivo; SISKE, Vladimir

Examination of the process of hydration of cement by means of DTA. Silikaty 5 no.3:229-233 '61.

1. Oddeleni silikatove chemie Ustavu anorganicke chemie, Slovenska akademia vied, Bratislava; Katedra anorganicke technologie, Slovenska vysoka skola technicka, Bratislava.

Z/012/61/000/002/001/004
E197/E487

AUTHOR: Proks, Ivo

TITLE: The Influence of Heating Rate on Variables,
Important in the Evaluation of DTA Curves

PERIODICAL: Silikáty, 1961, No. 2, pp.114-124

TEXT: The purpose of the article is the establishment of approximate relationships between some of the variables which are effective in certain endothermic processes. In many applications of DTA, it is advantageous to make observations at several constant heating rates of the furnace or of the standard. In order to compare results, it is essential to know the relationship between heating rate and the relevant parameters. For that purpose the author uses the original formulae of Speil and Vold, given in W.J.Smothers and Yao Chiang: Differential thermal analysis, Chemical Publishing Co.Inc, 1958, which were confirmed by L.G.Berg (Trudy soveščanija po termografii, Izd, AN-SSSR, Moscow-Leningrad, 1955, pp.59-66). The more accurate formulae of J.L.Soule (Journal de physique et le radium, 1952, Vol.13, pp.516-520) and of H.T.Smyth (J.Am.Cer.Soc., 1951, Vol.34, Card 1/2

The Influence of Heating ...

Z/012/61/000/002/001/004
E197/E487

pp.221-224) are quoted but not used in the present work, as approximation and simplicity were considered more important than formal accuracy. The author suggests the recording of ΔT , the temperature difference between the standard and the sample under test. For the determination of an unknown material the dependence of ΔT on time should be recorded and at appropriate high heating rates a smaller sample may be sufficient. For the determination of critical temperatures, ΔT should be recorded against the temperature of the standard. There are 4 figures and 7 references: 1 Czech and 6 non-Czech.

ASSOCIATION: Oddělení silikátové chemie Ústavu anorganické chemie SAV (Department of Silicate Chemistry, Institute of Inorganic Chemistry, SAV)

SUBMITTED: October 10, 1960

Card 2/2

PROKS, Ivo, inz., CSc.; PLSKO, Eduard, inz., CSc.; OBERT, Teodor,
promovaný fyzik

Calculation extrapolation for spectroscopic determination
of admixtures. Chem zvesti 17 no.12:830-838 '63.

1. Československá akademie věd, Ústav anorganické chemie
Slovenské akademie věd, Bratislava, Dburavská cesta.

CZECHOSLOVAKIA / Physical Chemistry. Thermodynamics. Thermo-
chemistry. Equilibria. Physicochemical Analysis. B-3
Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 3, 1959, No. 7511

Author : Sisko, V.; ~~Proka, Fr~~

Inst : Not given

Title : Differential Thermal Analysis of Carbonates in CO₂
Current

Orig Pub : Chem. zvesti, 1958, 12, No 4, 201-208

Abstract : Description of apparatus and procedure for investigation
of carbonates by the method of differential thermal analysis
in a current of CO₂. A study was made of siderite,
magnosite, dolomite and marble. A determination was made
of the start of association of CaO + CO₂ $\rightleftharpoons$ CaCO₃ and of the
temperature at which dissociation pressure equals the
atmospheric pressure. -- A. Zolotarevskiy

Card 1/1

PROKS, Ivo

A new modification of optical registration of differential thermal analysis. Ivo Proks (Sloven. akad. vied. Bratislava, Czech.). Chem. Zvesti 16, 78-80 (1960). -- By rearrangement of mirror galvanometers a good registration of differential thermal analysis can be obtained with ordinary lab. materials
Jan Miska

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CH (1)

11/ 224

Proks, I.

Czechoslovakia/Fitting Out of Laboratories -- Instruments, Their Theory, Construction, and Use, H

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1331

Author: Proks, I.

Institution: None

Title: New Optical Method for Recording Thermal Analysis Data

Original

Periodical: Chem. zvesti, 1956, Vol 10, No 1, 78-80 (In Slovak with summaries in German and Russian)

Abstract: New equipment is described for the optical recording of thermal analysis data, using ordinary laboratory equipment.

Card 1/1

CZECHOSLOVAKIA/Laboratory Equipment. Instrumentation.

F

Abs Jour: Ref Zhur-Khin., No 23, 1958, 77424.

Author : Siske V., Proks I.

Inst :

Title : New Device for Differential Thermal Analysis.

Orig Pub: Chem. zvesti, 1958, 12, No 3, 185-189.

Abstract: Equipment for carrying out fast differential thermal analyses is described. It permits to work with samples to 0.02 g. - Author's summary.

Card : 1/1

15 3
 / First degree of thermal decomposition of dolomite under
 the condition of fluidization. II. Ivo Proks (Chem. datay,
 Slovenská akad. vied, Bratislava, Czech.). Chem. zvesti
 12, 410-20 (1958) (German summary); C.A. 52, 16011b. —
 Dolomite (I) (from Male Krstehany, Czech.) was decompd.
 in the fluidization layer at various temp. At the speed of
 air from 10 cm.⁻¹ to 15 cm.⁻¹ in the outer layer I was flu-
 idized with granule dimensions of <0.5 mm. >0.4 mm. and
 <0.15 mm. >0.1 mm. The 1st degree of thermal decompn.
 was finished at 750° in approx. 60 min. with granulations
 <0.5 mm. >0.4 and <0.15 mm. >0.1 mm. at v = 15.5
 cm.⁻¹. Layers with a greater amt. of smaller granules
 showed irregular results during fluidization. The decompn.
 of I at a definitive temp. does not depend on the speed of air
 in outer layer and it is the fastest in the initial phase of com-
 bustion. The formation of free CaO to a great extent is de-
 pendent on the speed of air in outer layer, it is slow in the
 beginning but increases rapidly later. The amt. of 10
 vol. % CO₂ in the air practically inhibits the formation of free
 CaO.
 JB
 1/1 CaO.

Jan Micka

PROKS,

Accelerated differential thermal analysis. Cyril Gašparín, Ivo Proks, and Vladimír Šiška (Tech. Univ., Bratislava, Czech.). *Silikáty* 3, No. 1, 64-73(1969).—Equipment described earlier (C.A. 52, 11478e, 12874g) is used to register DTA curves from magnesite, limestone, dolomite, gypsum, and siderite. An increase in the rate of heating increases the temp. difference between standard and sample. The temp. intervals between the peaks on the DTA curve also increase. Therefore, it is possible (at this accelerated DTA) to use samples ≤ 0.03 g. This is advantageous since the amt. of gaseous products produced by the heterogeneous, reversible reactions which occur is so small that it cannot affect further phases of the decompn. or other reactions which occur at higher temp. The temp. interval between the peaks also increases with the fineness of the samples. If the correct conditions are chosen, the curves of the accelerated DTA will coincide more or less with the ordinary DTA curves. Werner Jacobson.

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PROKS, I.

Contribution to differential thermal analysis of carbonates. p. 344.
CHEMICKE ZVESTI. Bratislava. Vol. 9, no. 6, June 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

YUGOSLAVIA/Chemical Technology. Chemical Products H-13
and Their Applications. Ceramics. Glass.
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 24223

Author : Proks, I.

Inst : -

Title : Thermal Decomposition of Dolomite in a Suspended Layer. I.

Orig Pub : Chem. zvesti, 1958, 12, No 6, 337-344

Abstract : An investigation of conditions under which dolomite (D) decomposes when present in a suspended layer in accordance with the following reaction: $\text{CaMg}(\text{CO}_3)_2 \rightarrow \text{MgO} + \text{CO}_2 + \text{CaCO}_3$ is presented. Prior to the reaction, chemical composition and density of D samples

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YUGOSLAVIA/Chemical Technology. Chemical Products H-13
and Their Applications. Ceramics. Glass.
Binding Materials. Concrete.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 24223

were analyzed, obtaining also their X-ray
and thermogrames. As a result of the above,
a high degree of purity of the employed do-
lomite was established. After the separation
of D particles larger than 0.5 mm, the re-
maining particles could be treated in the
fluidized state at an average air velocity
of approximately 20 cm/sec. -- Ya. Satunov-
skiy

Card : 2/2

Proks, I.

CZECHOSLOVAKIA/Physical Chemistry + Thermodynamics B-8
Thermal Chemistry. Equilibrium. Physico-
chemical Analysis. Phase Transitions.

Abs Jour: Referat Zhur + Khim, No. 9, 1959, 30472

Author : Proks, I., Siske, V.

Inst : Not given

Title : Study of the Course of the Reaction $\text{CaCO}_3 \rightleftharpoons \text{CaO} + \text{CO}_2$ by the Method of Differential Thermal Analysis.

Orig Pub: Chem Zvesti, 1958, No 5, 275-283

Abstract: See RZhKhim, 1959, 7511.

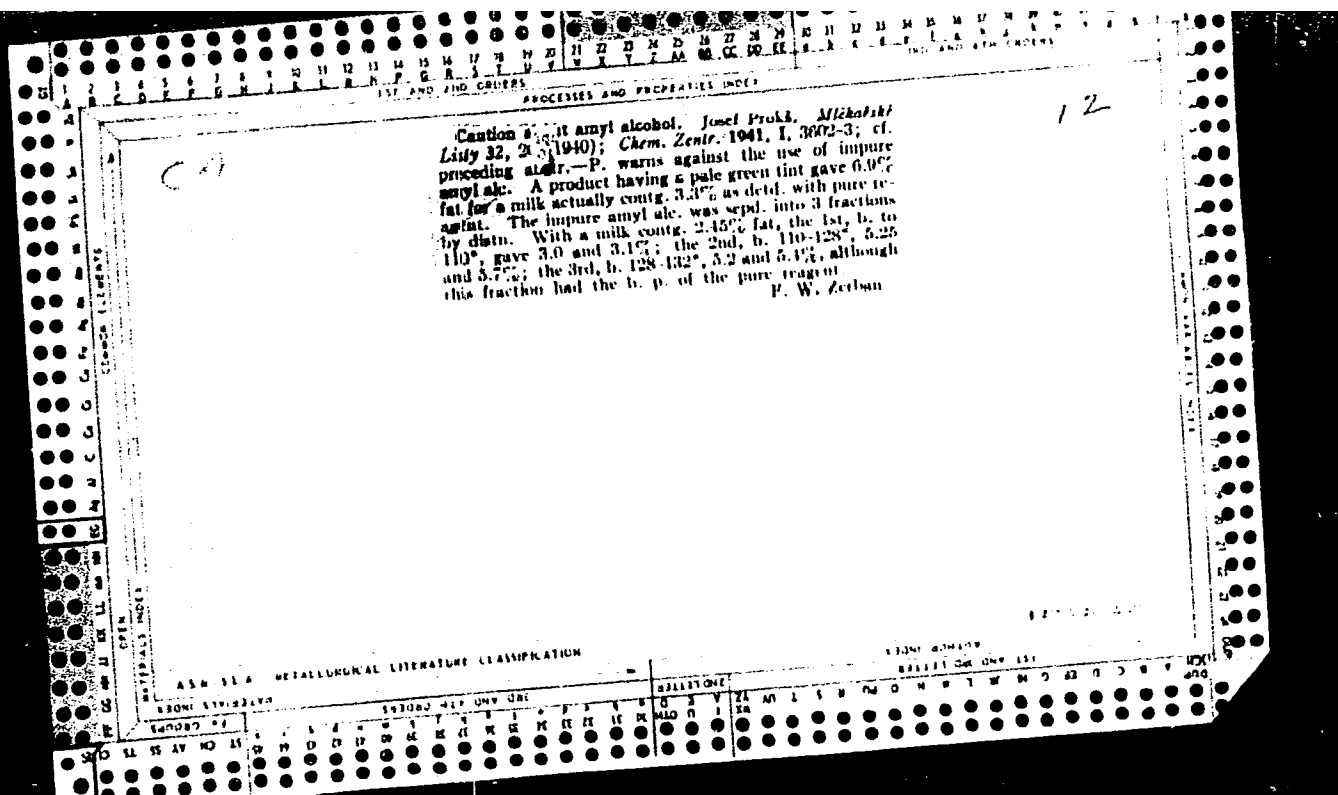
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CA

**CHEMICAL AND MICROBIOLOGICAL INVESTIGATION OF BRYANZ
CHEESE.** Josef Prokeš and Vladimír Maxa. *Sborník Československé Akad. Zemědělských věd*, 215-21 (1940); *Chem. Zentr.* 1941, I, 1237-8.—A chem. investigation of this Slovakian sheep's milk cheese showed moisture 38.97-48.76, fat in the dry matter 81.37-60.83, protein in the dry matter 37.83-40.69%. The N substance is mainly paracasein which amounts to 75.08-85.00% of total N. Sol. paracasein and paranuclein amounted to 0.55-2.54, albumoses and peptones 5.88-11.45, amino N 7.76-11.56, and NH₃ 1.17-1.81% of total N. The volatile acids in the moist cheese were 0.14-0.25 and the lactic 0.02-1.76%. Total acidity of cheese was 120.8-138.8° by the Soxhlet-Henkel method. Insol. ash was 0.52-1.89, CaO 0.79-0.91, MgO 0.00-0.12 and P₂O₅ 0.82-1.15%. The refractometric value at 40° was 42.8-43.5, acid no. 14.60-22.08, butyric acid no. 17.78-21.35, Reichert-Meissl no. 25.47-31.21, Wauters-Polenski no. 3.6-5.9, sapon. no. 212.93-244.82 and I no. 40.32-44.79. During the period of investigation, May-September, the fat content increased to a max., after which it decreased again, whereas the water and protein contents showed opposite trends. Microbiol. tests showed 120-270 millions microorganisms per g. of cheese. Of these 112-250 millions were lactic acid bacteria, 1/2 belonged to *Streptococcus lactis*, *Micrococcus lacticus* and *Beta-tococcus*. M. Hroch.

3-2



PROKS, Josef; CINGROSOVA, Kvetuse

Influence of *Penicillium camemberti* and *Penicillium caseicolum* on the ripening of Camembert type cheese. Sbor potrav VSChT Vol.5, pt.2:81-92 '61 [publ,'62].

1. Katedra technologie mléka a tuku, Vysoká škola chemicko-technologická, Praha.

PROKS, Josef

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9713

Author : Proks Josef, Olsansky Cestmir, Kavan Alois, Chladilova
~~Ruzena~~

Inst : -

Title : Quality-Evaluation of Curd of Soured Milk in the Produc-
tion of Cheese.

Orig Pub : Prumysl potraviny, 1957, 8, No 7, 344-349

Abstract : It is proposed to grade the curd of soured milk, according
to quality, in 3 classes, and the tentative characteristics
of the classes are given.

Card 1/1

15

PROKS, J.

Frantisek Musil's The Microbiology of Eggs and Egg Products; a book review. p.167. (Prumysl Potravin. Praha. Vol. 8, no. 3, 1957.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PECK, I.

New development in optical recording during differential thermal analysis. p.78. CHEMIČKA ZVEŠTI. (Slovenska akademija vied a Spolek chemikov na Slovensku) Bratislava. Vol. 10, no. 1, Jan. 1956.

SOURCE: East European Accessions List. (EEAL), Library of Congress Vol. 5 no. 12, December 1966.

PROKS, Vlastimil, Dr.

Treatment of cervical cancer at the first gynecological clinic
of the Masaryk University in Brno during 1945-49. Cesk. gyn.
21 no.4:259-262 June 56.

1. I gynekologicka klinika v Brne (prednosta prof. Havlasek).
(CERVIX, UTERINE, neoplasms,
ther., hosp. statist. (Cz))

PROKS, V.

Results of the treatment of cancer of the cervix uteri in 1939-44 in the I. obstetric and gynecologic clinic of the Masaryk University in Brno. Lek, listy 6 no.6:168-172 15 Mar 51. (CIML 20:8)

1. Of the First Obstetric-Gynecological Clinic in Brno (Head--Prof. L. Havlasek, M.D.). Author is M.D.

PROKS, Vlastimil

Endocervical obturation tube for permanent lavage of the oviducts.
Cesk. gyn. 24[38] no.9:714-716 Nov. 1959.

1. I. por.-gyn. klinika lek. fak. univ. v Brne, prednosta prof. dr.
L. Havlas~~ek~~.
(STERILITY, FEMALE, surg.) (FALLOPIAN TUBES, surg.)

PROKS, Vlastimil (I. por. gyn. klinika MU v Brne)

Spontaneous uterine rupture as rare cause of postpartum hemorrhage.
Gesk. gyn. 23[37] no.7:559-560 Oct 58.

1. I. por. gyn. klinika MU v Brne, prednosta prof. dr. L. Havlasek.
(UTERUS, rupt.
spontaneous, causing hemorrh. in puerperium (Cz))
(PUERPERIUM,
caused by spontaneous uterine rupt., case report (Cz))

PROKS, Vlastimil

Prevention of hemorrhage in 3d stage of labor. Cesk. gyn. 23[37]
no.6:455-457 Aug 58.

1. I. por. gyn. klinika MU v Brne, prednosta prof. Dr. L. Havlasek.
V. P., I. por. gyn. klinika MU, Brno.
(LABOR, hemorrh.
in 3d stage, prev. (Cz))

PROKS, Vlastimil, MUDr, asistent kliniky (Brno, Stalingradske namesti)

Use of penicillin in the treatment of inflammatory gynecological diseases. Lek. listy, Brno 9 no.23:542-544 1 Dec 54.

1. Z I. porodnicko a gynekologicke kliniky M.U. v Brne. Prednosta prof. MUDr L.Havlasak.

(PENICILLIN, therapeutic use,

gyn. dis.)

(GYNECOLOGICAL DISEASES, therapy,
penicillin)

PROKSA, Ferenc

Conference on material testing. Szabvany kozl 17 no.3:144 Fr 165.

MEDZSIBOZSSZKIJ, M.J. [Medzhibozhskiy, M.Y.], a muszaki tudományok doktora,
egyetemi tanár; PROKSA, Ferenc [translator]

Increase of the output of the Siemens-Martin furnaces through blasting
compressed air into the bath. Koh lap 95 no.11:481-490 N '62.

1. Sziberiai Kohászati Egyetem (for Medzhibozhskiy).

PROKSAN, F., MUDr.

Pathogenesis, therapy, and prevention of hypertension. Cas. lek.
cesk. 91 no.28:819-826 11 July 52.

1. Z III. interni kliniky K.U. prednosta: prof. dr. J. Charvat.
(HYPERTENSION,
pathogen., ther., & prev.)

JIRICKA, Z., Dr.; PROKSAN, F., Dr.

Unusual cause of Pancoast-Tobias syndrome. Cas. lek. cesk.
94 no.26:718-719 24 June 55.

1. Z interni kliniky hyg. epid. smeru LFKU, prednosta prof.
MUDr. Vratislav Jonas a z prosektury statni fakultni nemocnice
v Praze 12, prednosta prim. MUDr. J. Stolz.

(PANCOAST SYNDROME, etiology and pathogenesis
inflamm. of lung after tuberc.)

(TUBERCULOSIS, PULMONARY, complications
inflamm. process causing Pancoast synd.)

PROKSAN, Frantisek; SMRCKA, Jiri; HASA, Jan

A contribution to diagnosis and treatment of inflammation of the pericardium, especially the constrictive type. Cas. Lek. Cesk. 101 no.6:174-179 9 F '62.

1. II vnitřní oddělení Ústřední vojenské nemocnice - Zdravotnická správa ministerstva vnitra, Praha.

(PERICARDITIS)

cell
(3) 1
cells

EXCERPTA MEDICA Sec 15 Vol 9/8 Chest Dis. Aug. 56)

1784, JIRIČKA Z. and PROKŠAN F. Intern. Klin. hyg. epid. smeru LFKU a Prosektury státní Fák. nemoc., Praha. "Neobvyklá příčina Pancoastova-Tobiasova syndromu. An unusual cause of Pancoast-Tobias' syndrome ČAS. LÉK. ČES. 1955, 94/26 (718-719) Ilus. 6

Autopsy in this case revealed that the syndrome was due to proliferation of the connective tissue of the right upper lobe and its pleura due to a combined rheumatic and tuberculous process. The simultaneous neoplastic proliferation (oat cell tumour) was only slight and had no influence on the obstruction of the sympathetic nerve and the venous drainage of the arm.

Block - Doetinchem (VI, 15)

PROKSAN, F.
BRESKY, J.; PROKSAN, F.

Accidents during vitamin B₁ therapy. Cas. lek. cesk. 90 no.29:
800-804 20 July 1951. (CML 21:1)

1. Of the Third Internal Clinic of Charles University in
Prague (Head — Prof. J. Charvat, M.D.).

PROKSAN, F.

Pathogenesis of anorexia nervosa. Sborn. lek., Praha 54 no. 5-6:
77-101 1952. (GLML 23:1)

1. Of the Third Internal Clinic (Head--Prof. J. Charvat, M. D.) of
Charles University, Prague.

PROKSAN, Frantisek, MUDr

Acute insufficiency of the respiratory tract causing myocardial infarction in coronary disease. Cas. lek. cesk. 93 no.38:1025-1030 17 Sept 54.

1. Z interni kliniky hygienicko-epidemiologickeho smeru lekarske fakulty v Praze. Prednosta prof. MUDr Vratislav Jonas.
(MYOCARDIAL INFARCT, etiology and pathogenesis,
resp. insuff. in coronary dis.)
(CORONARY DISEASE, complications,
resp. insuff., causing myocardial infarct)
(RESPIRATORY TRACT, disease,
insuff. in coronary dis. causing myocardial infarct)

FROM SAN, Frantisek, As. MUDr

Clinical aspects and diagnosis of influenza. Prakt. lek., Praha
34 no.20:467-468 20 Oct 54.

1. Z int. klin. lek. fak. hyg. Praha, prednosta prof. MUDr
Vratislav Jonas.

(INFLUENZA,
clin. aspects & diag.)

PROKSAN, Frantisek, MUDr

Aplastic anemia caused by hypertension. Cas. lek. cesk. 93 no.48:
1314-1317 26 Nov 54.

1. Z Interni kliniky hygieniskeho smery LFKU, prednosta prof. MUDr
Vratislav Jonas

(ANEMIA, APLASTIC, etiology and pathogen.
hypertension)

(HYPERTENSION, complications
anemia, aplastic)

PROKSAN, FRANTIŠEK

SURNAME (in caps); Given Name

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Internal Department II of the Central Military Hospital (II interni oddeleni Ustredni vojenske nemocnice), Prague; Chief (Prodnosta): Major General (generalmajor) MUDr Jiri Smrcka and the Health Administration of the Ministry of the Interior (zdravotnicka sprava ministerstva vnitra)

Source: Prague, Fysiatricky Vestnik, Vol XXXIX, No 4, August 1961, pp 207-210

Data: "Our Experience with the Test of C-reactive Protein in Rheumatic Carditis."

Authors:

HAUER, Jan

PROKSAN, Frantisek

PROKSHA, **Leonid** [Proksha, Leanid]

We greet you, Eugenio Cotton. Rab.1 sial. 37 no.10:10-11
0 '61. (MIPA 14:10)

(Minsk--Clothing Industry)

PROKSCH, Karel, inz.; TLAMSA, Jiri, inz.

The reed relay. Slaboproudý obzor 24 no.10:606-611 0 '63.

1. Vyzkumny ustav telekomunikaci, Praha.

PROKSCH, Karel, inz.; TLAMSA, Jiri, inz.

The new Tesla telephone relay. Slaboproudy obzor 22 no.5:275-281
'61. (EEAI 10:7)

1. Vyzkumny ustav telekomunikaci, Praha.
(Telephone) (Electric relays)

Ev. also.

*C-12 Gl. Tech. 1/1/47
(12.11.47)*

601. New method for determination of the surface tension of crystals. P. Kubelka and R. Prochaska (*Kolloid-Z.*, 1944, 189, 79-85).—The surface tension (γ) of crystals can be determined more accurately than by any other method by finding the m.p. of the substance enclosed in the capillaries of a SiO_2 gel. The m.p. is determined from the discontinuity in the sp. heat-temp. curve. The diameter of the capillaries is calc. from the sorption isotherms of the gel for CS_2 . The irregularity in the capillary diameter owing to the indefinite form of the cross-section does not affect the val. of γ obtained. The negative pressure exerted on the substance in the capillaries in addition to the γ affects the m.p., and must be taken into account. The mean val. obtained for ice was 85-4, and for benzene 88 dynes per cm. The vals. show no trend with the diameter of the capillaries. Preliminary vals. are given for tribromomethane and dibromomethane.
A. J. M.

117 AND 118 CODES										119 AND 120 CODES									
PROCESSING AND PROPERTY INDEX																			
CA 2 A new method of determination of the surface tension of crystals. Paul Kubelka and Rudolf Prokacha (Deutsches Tech. Hochschule, Prague; Czechoslovakia). <i>Kolloid-Z.</i> 189, 79-85(1944).—It is possible to det. the surface tension of crystals more exactly than was heretofore possible, by measuring the m.p. of the cryst. substance sealed in the capillaries of silica gel. The m.p. was ascertained by the discontinuity of the heat capacity-temp. curves. The diam. (collective) of the capillaries was calcd. from the C_p sorption isotherm of the same gel. The shapes of the capillaries (cross-sections) have no effect on the calcn. Repeated expts. with ice and benzene gave well-reproducible results. The surface tension values in dynes/cm. of the materials tested by this procedure, were: water 25.4, benzene 22, bromoform 22, and ethylene bromide 24. The procedure and app. used in this work are described. S. I. Aronovsky																			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																			
117 AND 118 CODES										119 AND 120 CODES									
117 AND 118 CODES										119 AND 120 CODES									

INOCHKIN, Petr Trofimovich; PROKSHITS, Viktor Leont'yevich; PETROVA, Ye.A.,
vedushchiy red.; FIEDOTOVA, I.G., tekhn. red.

[Manual of the master driller] Spravochnik burovogo mastera. Moskva,
Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958.
378 p. (MIRA 11:10)

(Oil well drilling)

PROKSOVA, Alena; NEMECEK, Jaroslav

Mental complications during preludin therapy. Seck.psychiat.
55 no.6:368-370 D '59.

1. Psychiatricka klinika v Plzni, Psychiatricka lecebna v
Dobranech.

(SYMPATHOMIMETIS eff.inj.)
(PSYCHOSES TOXIC etiol.)

PETEROVA, E.; PROKSOVA, A.

Role of taraxein in the pathogenesis of psychoses. Cesk.psychiat.
56 no.1:30-33 F '60.

1. Psychiatricka klinika KU v Plzni.
(SCHIZOPHRENIA blood)
(PROTEINS)

PROKSOVA, Milada, dr. CSc.

Symposium on the biologic value of feed proteins. Vest ust
zemedel 12 no.3:120-122 '65.

FRCKSOVA, M.; REICHL, J.; MARTINEK, J.; JINDRICH, A

"Biology of the Nutrition of Sucklings: a book review."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

CZECHOSLOVAKIA / Human and Animal Physiology. Blood. T
Form Elements.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101785.

Author : Proksova, Milada.

Inst : Not given.

Title : The White-Blood Picture of the Viennese White,
Blue-Eyed Rabbit.

Orig Pub: Ceskosl. morfol., 1957, 5, No 3, 304-313.

Abstract: No abstract.

Card 1/1

KRASHODEBSKI, Kazimierz; PROKSZA, Alfred; FUKOWIEC, Kazimierz;
BORKOWSKI, Wacław

Methods for purifying raw benzole in the Radlin Coke
Works as reflected in the recent technical literature..
Koks 7 no.1:15-17 Ja-F '62.

1. Zakłady Koksochemiczne Radlin.

PROCTOR, J. L.
J. L. PROCTOR, Eng Dev Acad Sci, 1943, 3, 11-25

KASSEL', V.I.; PROKUBOVSKIY, P.M.

Analysis of the blocking action of electric cutouts with PS-10
drives. Prom. energ. 15 no.7:16-17 J1 '60. (MIRA 15:1)

1. Leningradskiy metropoliten.
(Electric cutouts)

GRINBERG, A.A. (Moskva, Leningradskiy prospekt, 11, et. 5c); PROKUDOVSKIT.
V.I.

Complications in translumbar arthrography. Vest. Khir. 94 no.4:
130-131 Ap '64 (NIRA 12:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S.I. Spasskotskogo (direktor -- akademik A.N. Bakulev) 2-go Moskovskogo meditsinskogo instituta i gorodskoy klinicheskoy bol'nitsy No.1 imeni N.I. Pirogova (glavnyy vrach -- zasluzhennyy vrach RSFSR L.D. Chernyshov).

PROKUBOVSKIY, V.I.

Some problems in the development of surgery of old and elderly subjects. Khirurgiia no.11:56-62 '61. (MIRA 14:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni S.I. Spasokotskogo (zav. - akademik A.N. Bakulev) i 1-y gorodskoy klinicheskoy bol'nitsy imeni N.I. Pirogova (glavnyy vrach - zasluzhennyy vrach RSFSR L.D. Chernyshov).

(SURGERY, OPERATIVE)

(GERIATRICS)

PROKUBOVSKIY, V.I.

typical removal of embolism of one right femoral artery.
Khurgiya no.1:125-126 '63. (MIR 17:5)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.I. Ivanovskogo (dir.-akademik A.N. Bakulov) i Moskovskogo gosudarstvennogo meditsinskogo instituta imeni Pirogova i 1-y Moskovskoy gorodskoy klinicheskoy bol'nitsy imeni Pirogova (glavnyy vrach - zasluzhennyy vrach ESFSR L.D. Chernyshev).

RYZHIKOVA, Anastasiya Alekseyevna, doyardka; PROKUDENKOV, A.I., red.;
KLYUCHEVA, T.D., tekhn. red.

[Brigade of communist labor on the farm] Brigada kommunisti-
cheskogo truda na ferme. Moskva, Izd-vo "Sovetskaia Rossiia,"
1961. 27 p. (MIRA 15:10)

1. Molochnotovarnaya ferma kolkhoza "Probuzhdeniye" Orlovskogo
rayona Orlovskoy oblasti (for Ryzhikova).
(Dairying)

PROKUDENKOV, A.I., red.; KLYUCHEVA, T.D., tekhn. red.

[The party organization and the struggle for technological progress;
practices of party organizations in enterprises of Ivanovo Province]
Partiinaiia organizatsiia i bor'ba za tekhnicheskii progress; iz opyta
raboty partiinykh organizatsii predpriatii Ivanovskoi oblasti. Mo-
skva, Izd-vo "Sovetskaia Rossiia," 1961. 110 p. (MIRA 14:12)
(Ivanovo Province—Technological innovations)

GEORGIYEV, Aleksandr Vasil'yevich; PROKUDENKOV, A.I., red.; TSYPKINA,
P.L., red.; MARAKASOVA, L.P., tekhn. red.

[Progressive experience is beneficial to the whole nation]
Peredovoi opyt - nashe bogatstvo. Moskva, Izd-vo "Sovetskaia
Rossiia," 1962. 106 p. (MIRA 15:4)

1. Pervyy sekretar' Altayskogo krayevogo komiteta Kommunisti-
cheskoy partii Sovetskogo Soyuza (for Georgiyev).
(Altai Territory—Agriculture)

KEYTEL'GISSER, I.N., kand.tekhn.nauk; PIGOROV, G.S.; ZHURAVEL', V.A.;
RYNDAK, S.A.; PROKUDENKO, N.G.

Improvement of the water-pulp handling operations in the coal
preparation section of the Zaporozh'ye Coke and Coal Chemicals
Plant. Koks i khim. no.2:13-15 '64. (MIRA 17:4)

1. Ukrainskiy proyektno-konstruktorskiy i nauchno-issledovatel'skiy
institut po obogashcheniyu i briketirovaniyu ugley (for
Keytel'gisser, Pigorov, Zhuravel'). 2. Zaporozhskiy
koksokhimicheskiy zavod (for Prokudenko).

TEKFERD, Ye.; KHROLENKO, P., tekhnik; PROKUDIN, A.

Readers letters. Avt. dor. 28 no.4:28-29 Ap '65.

(MIRA 18:5)

1. Nachal'nik Upravleniya stroitel'stva i remonta avtomobil'nykh dorog pri Sovete Ministrov Bashkirskoy ASSR (for Tekferd).

PROKUDIN, A.V.

Cellulose decomposition in the rumen of lambs. Izv. AN
Kazakh. SSR. Ser. biol. nauk 2.no.6:47-52 N-D '64.

(MIRA 18:3)

PROKUDIN, A. V.

Cand Biol Sci - (diss) "Growth changes of several digestive processes in the rumen of sheep." Omsk, 1961. 14 pp; (Ministry of Agriculture RSFSR, Omsk Veterinary Inst); 120 copies; price not given; (KL, 6-61 sup, 209)

BAZANOVA, N.M.; PROKHODIN, A.V.

Content of acetic, propionic and butyric acids in the rumen of
lambs. Izv. AN Kazakh. SSR. Ser. biol. nauk 2 no.3:82-87 1964.
Je 164. (MIRA 17:10)

PROKUDIN, A.V.

Chemical composition of the parotid saliva in lambs. Izv. AN
Kazakh. SSR. Ser. biol. nauk 3 no.2:77-82 Mr-Apr '65.
(MIRA 18:5)

BAZANOVA, N.U., PROKUDIN, A.V.

Microfauna of the rumen in lambs in ontogenesis. Trudy Inst.
fiziol. AN Kazakh SSR 2:3-7 '99. (MIRA 13:7)
(RUMEN) (INFUSORIA)

PROKUDIN, A.V.

Some peculiarities in the dynamics of nitrogenous substances
in the rumen contents and saliva of lambs in ontogenesis.

Trudy Inst.fiziol. AN Kazakh.SSR 2:8-12 '59. (MIRA 13:7)
(RUMEN) (NITROGEN METABOLISM) (SALIVA)

GOROKHOVA, L.V.; PROKUDIN, A.V.

Specificity of chyme of the small intestine in various ruminant species.
Trudy Inst. fiziol. AN Kazakh. SSR 5:10-14 '63. (MIRA 17:5)

PROUDIN, A.V.

Changes in the basic components of milk in lactating sheep
as related to the lactation phase. Trudy Inst. Vsesoy. Zhivotn.
SSR 5:122-128 '63.

Interrelationship between the amount of milk and the glucose of
of blood in lactating sheep. Zhivotn. 1963:17 (MIRA 1963)

BAZANOVA, N.U.; PROKUDIN, A.V.

Development of the autonomic function in lambs. Trudy Inst. fiziol.
AN Kazakh. SSR 5:15-18 '63.

PROKUDIN, M., kapitan; VASILIN, A., Leytenant

Closer to practice. num. Yearish. SAL 5 no. 9:00 1 16..

(XDA 17:12)

PROKUDIN, S.D.

SUBJECT

USSR / PHYSICS

CARD 1 / 2

PA - 1522

AUTHOR

BREGER, A.CH., BELYNSKIJ, V.A., PROKUDIN, S.D.

TITLE

An Apparatus for Radiochemical Investigations by means of a Co^{60} Gamma Radiation Source with the Activity of 280 Curie.

PERIODICAL

Atomnaja Energija, 1, fasc. 4, 131-138 (1956)
Issued: 19.10.1956

Here such an apparatus, which is in operation, is described. The advantages offered by such radiation sources are pointed out. At first such devices for radiochemical investigations by means of Co^{60} , as are mentioned in literature, are discussed.

The apparatus described must satisfy the following conditions:

- A) Investigations to be carried out with a dose of 20-50 roentgen/sec or up to 100 roentgen/sec for a volume of the object to be irradiated of up to 1 l or from 20 to 30 milliliters.
- B) It must be possible to introduce samples and devices easily into the chamber without any additional irradiation of the operating staff.
- C) Physical and chemical experimental conditions and processes should be under remote control and observation without the object being moved (shaken).
- D) Simple and reliable remote control of the motions of the radiation source and the container, and blocking of all dangerous operations.
- E) Possibility of changing the container with the γ -radiation source and of exchanging the container on the spot.
- F) It must be possible to erect the apparatus in buildings and premises of the